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Takagishi et al.

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(54) **INK JET RECORDING DEVICE**

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CPC *B41J 2/06* (2013.01); *B41J 2/075* (2013.01); *B41J 2/08* (2013.01); *B41J 2/09* (2013.01); *B41J 2002/1853* (2013.01)

(58) **Field of Classification Search**
CPC B41J 2/06; B41J 2/08; B41J 2/075; B41J 2002/1853
See application file for complete search history.

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(57) **ABSTRACT**

Under a condition in which bowed printing occurs, a horizontal shift is suppressed to improve print quality. Following a program stored in a ROM **12**, an MPU **10** generates video data for charging print particles according to print contents data stored in a RAM **11**. Based on the print contents data, the MPU **10** detects a letter to be printed last, and when the letter to be printed last is printed to end a print operation, generates video data so that based on the video data, a non-print charge voltage driving non-print particles to an extent that they do not fly over a gutter **25** is applied to non-print particles. The number of the non-print particles subjected to the non-print charge voltage is determined by the MPU **10**, based on the distance from a print head **2** to a print subject **30**, a letter height preset value, etc. A character signal generating circuit **18** generates the non-print charge
(Continued)

TRANSFER DIRECTION OF PRINT SUBJECT
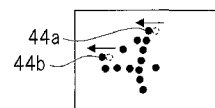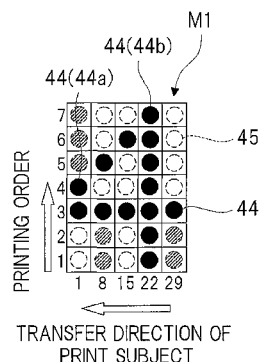
● : PRINTING PARTICLE
▨ : NON-PRINTING PARTICLE = WITH CHARGE AMOUNT